

## **ABSTRACT OF THE DISCLOSURE**

An oblique correlation detection section detects correlation in an oblique direction (oblique correlation) of a composite video signal. A line correlation chrominance separation section extracts a first chrominance signal from the composite video signal based on vertical correlation of the composite video signal. A first chrominance signal acquisition section acquires a second chrominance signal based on horizontal self-correlation of the first chrominance signal. The first chrominance signal acquisition section detects the self-correlation within a range corresponding to the degree of the oblique correlation detected by the oblique detection section.

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